

AMENDMENT

In the Specification:

Please amend the specification as follows.

On page 56, at lines 32-33, please delete "12301 Parklawn Drive, Rockville, Maryland 20852" and replace it with the following: --10801 University Boulevard, Manassas, VA 20110--.

In the Claims:

Please amend claims 11, 38, and 39, without prejudice or disclaimer, cancel claim 33, without prejudice or disclaimer, and add new claims 45-48 as follows:

sub C1
11. (Amended) A purified polynucleotide comprising a polynucleotide sequence [or fragment thereof derived from a BS200 gene, wherein said polynucleotide is capable of selectively hybridizing] that specifically binds to [the nucleic acid of said BS200 gene and has at least 50% identity with] a polynucleotide selected from the group consisting of: [(a) SEQUENCE ID NOS 1-7, SEQUENCE ID NO 9, SEQUENCE ID NOS 11-12, SEQUENCE ID NOS 14-16,] SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:6, SEQ ID NO:9, SEQ ID NO:11, SEQ ID NO:14, SEQ ID NO:15, SEQ ID NO:16 and complements thereof]; and (b) fragments of SEQUENCE ID NOS 1- 14].

sub C2
38. (Amended) [A] An isolated gene[, or a fragment thereof,] which codes for a BS200 protein having [an] the amino acid sequence [with at least 50% identity with SEQUENCE ID NO] presented as SEQ ID NO: 31.

39. (Amended) [A] An isolated gene[, or a fragment thereof,] comprising DNA [having at least 50% identity with SEQUENCE ID NO] that specifically binds to a polynucleotide having the sequence of SEQ ID NO: 15, [or SEQUENCE ID NO] SEQ ID NO: 16, or complements thereof.